FIG. 1

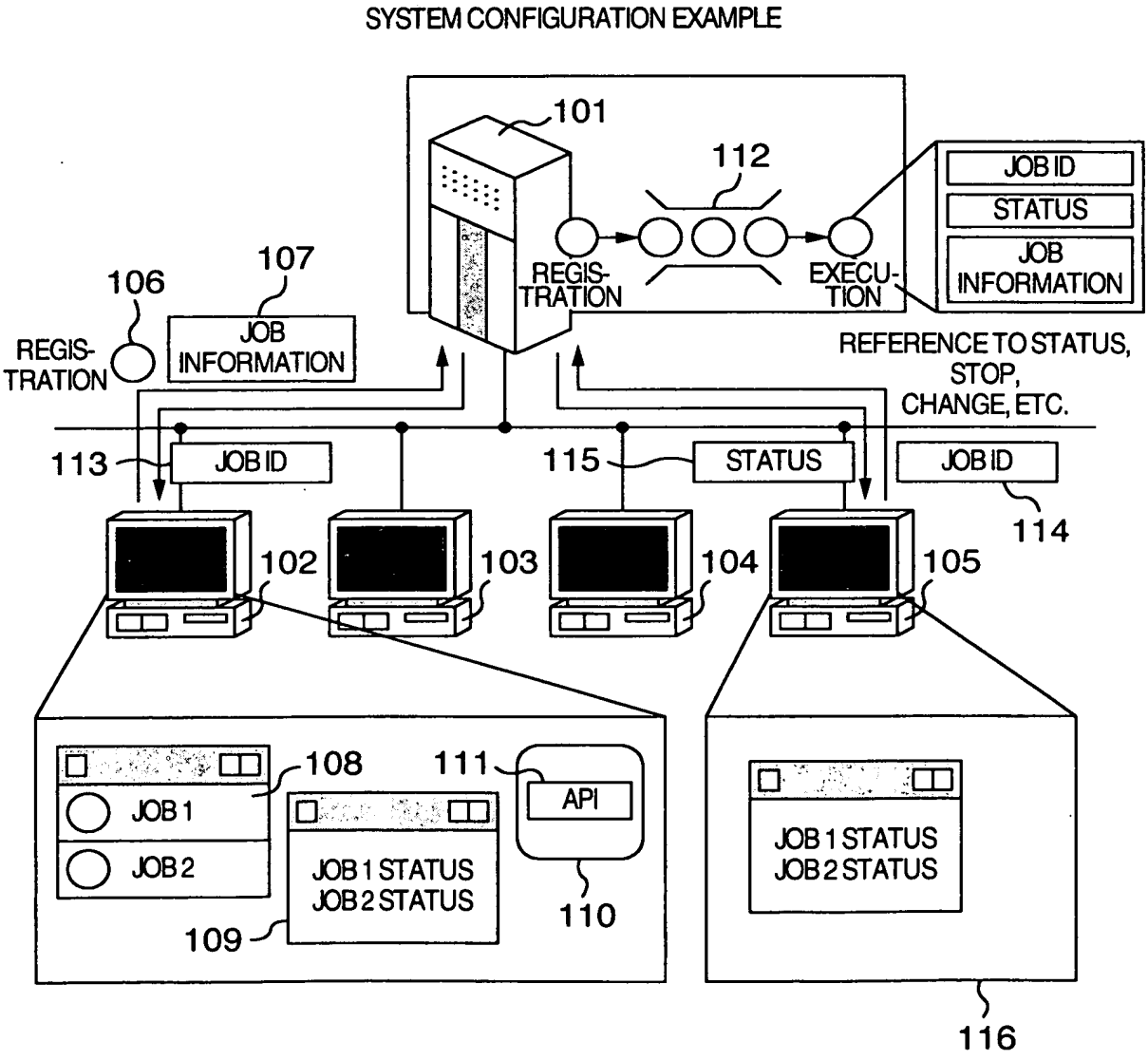

SYSTEM CONFIGURATION EXAMPLE
101
112
JOB ID
STATUS
JOB INFORMATION
REGIS-TRATION
EXECU-TION
106
107
REGIS-TRATION
JOB INFORMATION
REFERENCE TO STATUS, STOP, CHANGE, ETC.
113
JOB ID
115
STATUS
JOB ID
114
102
103
104
105
108
111
JOB 1
JOB 2
API
JOB 1 STATUS
JOB 2 STATUS
109
110
JOB 1 STATUS
JOB 2 STATUS
116

FIG. 2

CONFIGURATION EXAMPLE OF CLIENT AND SERVER

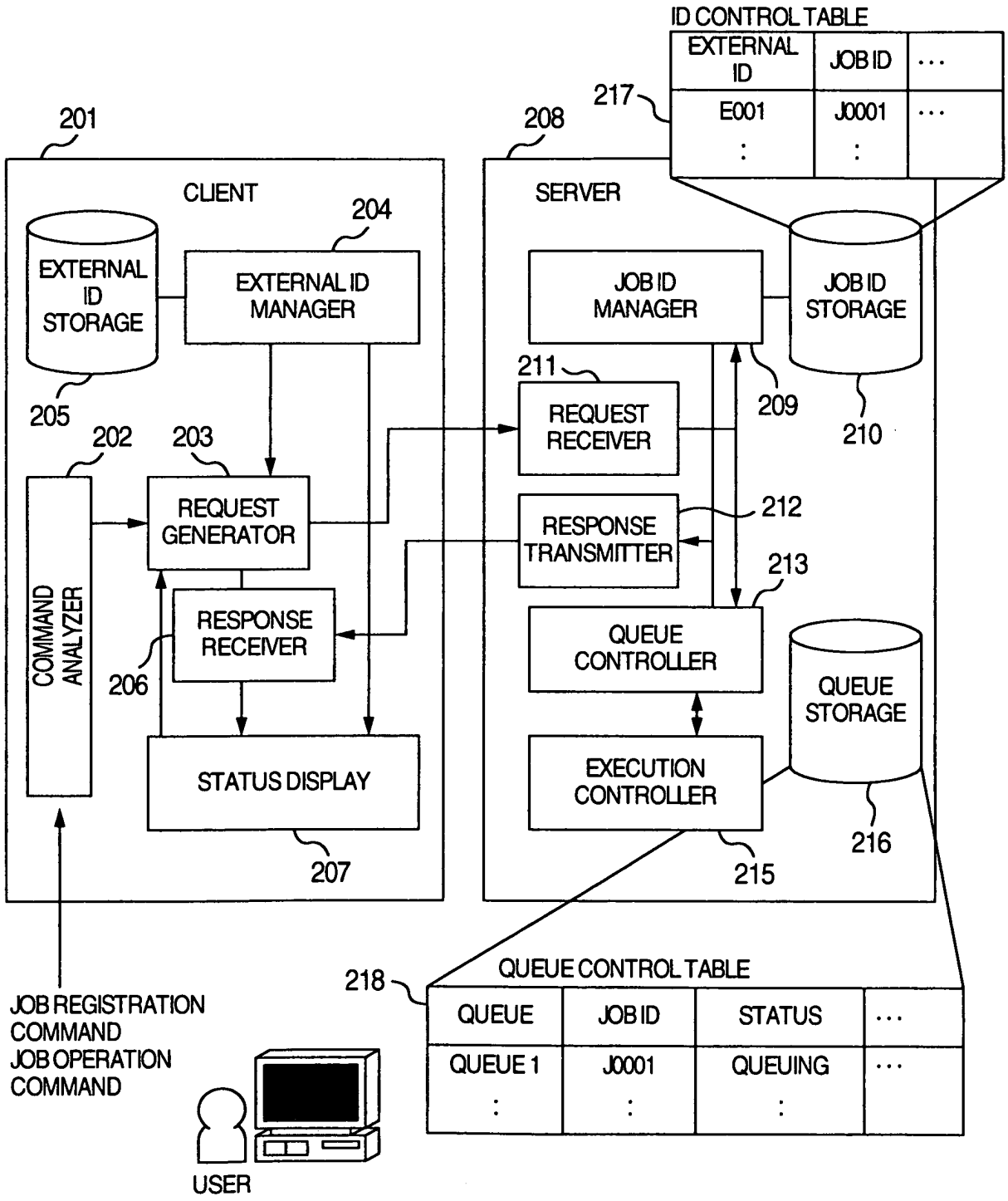


FIG. 3

COMMUNICATION DATA FORMAT

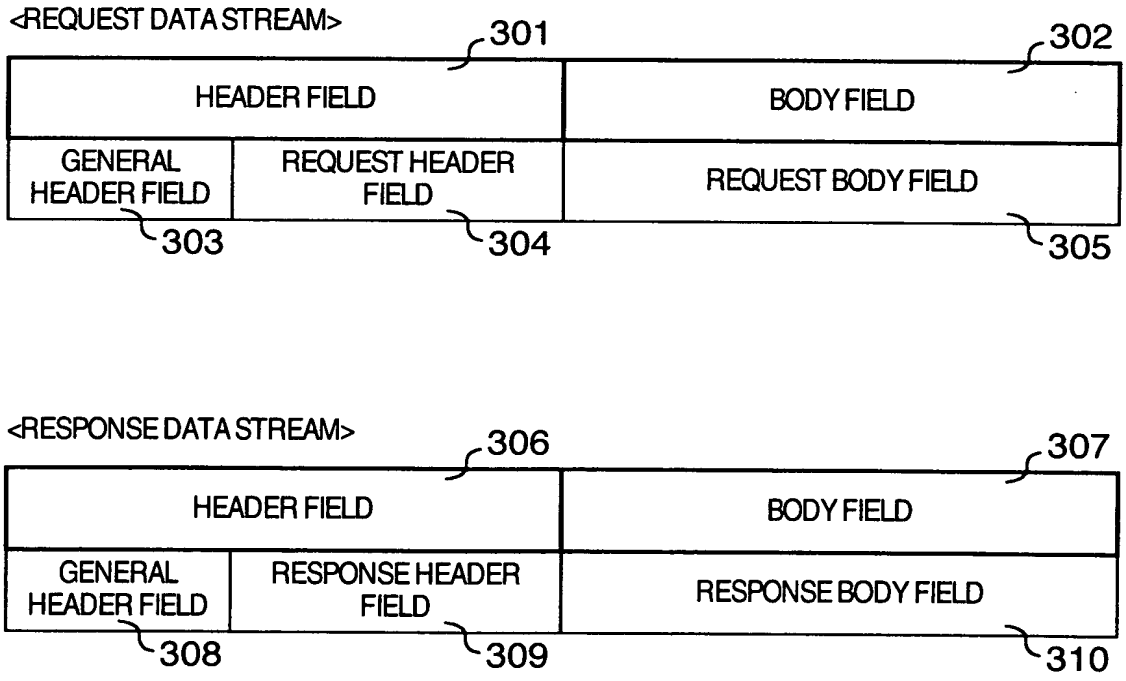


FIG. 4

COMMUNICATION DATA EXAMPLE

<REQUEST DATA STREAM>

REQUEST	SUBMIT	EXTERNAL ID	JOB INFORMATION
401	402	403	404
REQUEST	GETID	EXTERNAL ID	
405	406	407	
REQUEST	SHOW	JOB ID	
408	409	410	

<RESPONSE DATA STREAM>

RESPONSE	SUBMIT	JOB ID	
411	412	413	
RESPONSE	GETID	JOB ID	
414	415	416	
RESPONSE	SHOW	STATUS	JOB INFORMATION
417	418	419	420

FIG. 5

SEQUENCE OF PROCESSING REQUEST FROM CLIENT TO SERVER

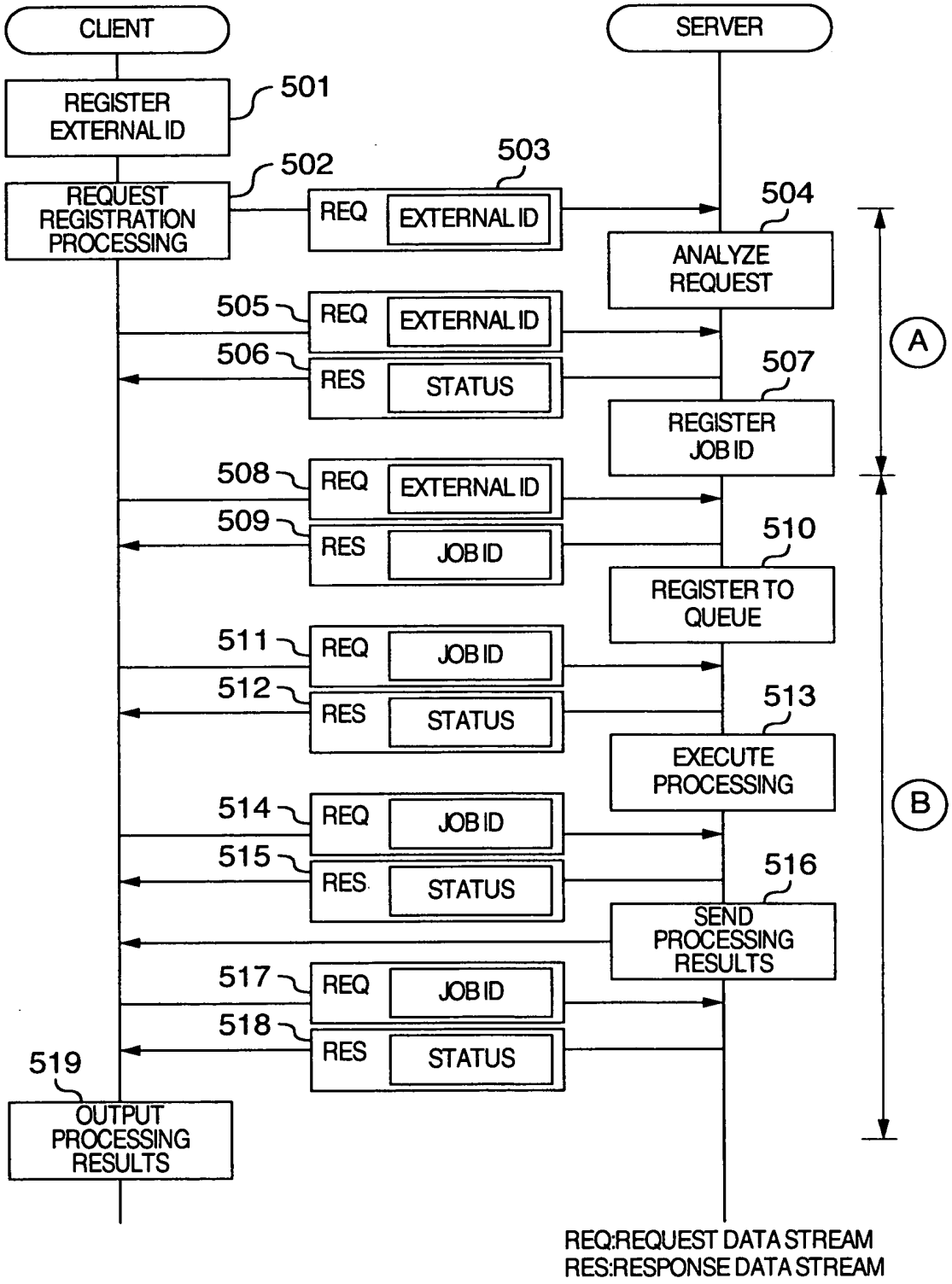


FIG. 6

SETTING EXAMPLE OF RESPONSE DATA STREAM SENDING DURING SERVER PROCESSING

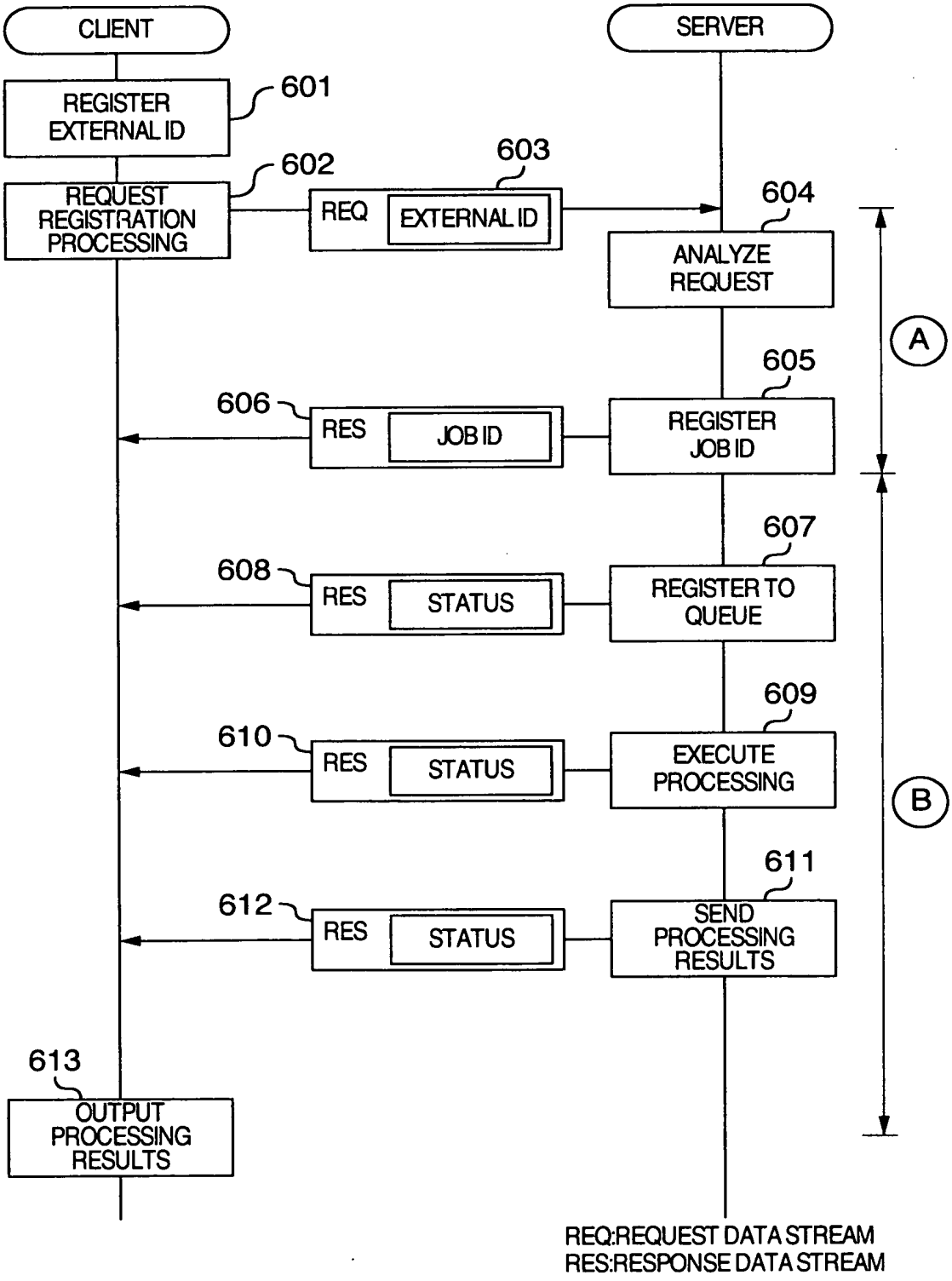


FIG. 7

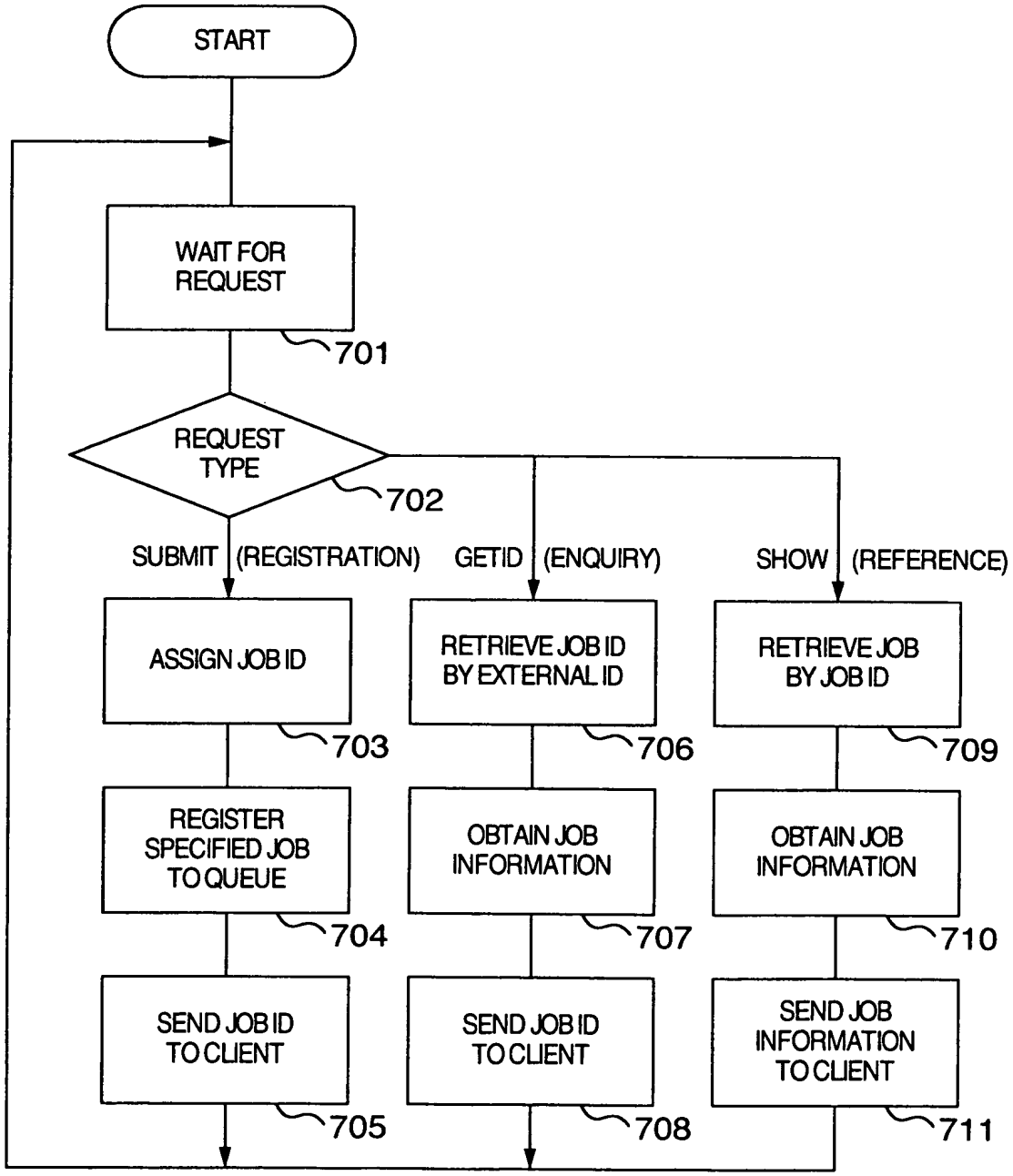
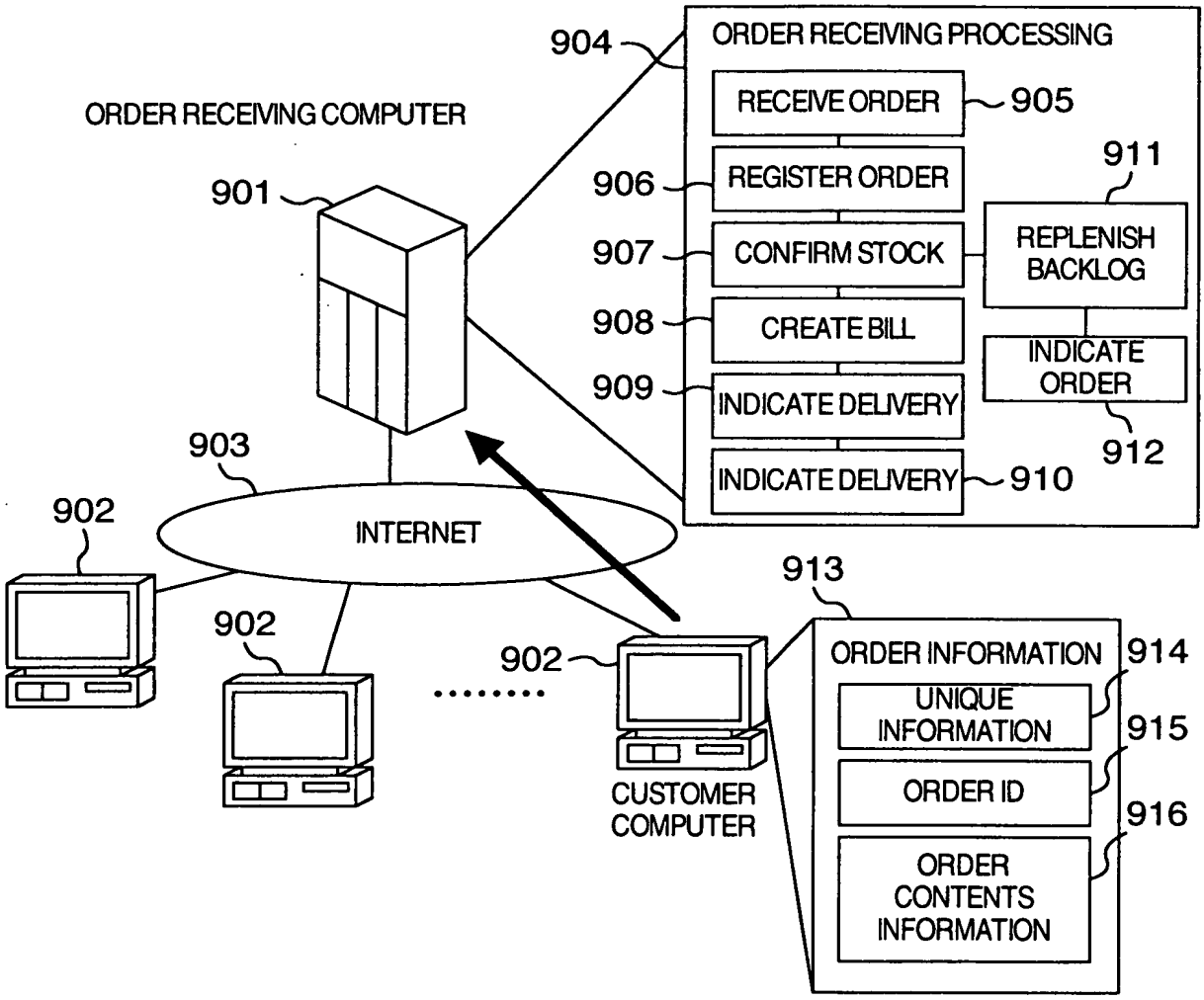

START
WAIT FOR REQUEST
701
REQUEST TYPE
702
SUBMIT (REGISTRATION)
GETID (ENQUIRY)
SHOW (REFERENCE)
ASSIGN JOB ID
703
REGISTER SPECIFIED JOB TO QUEUE
704
SEND JOB ID TO CLIENT
705
RETRIEVE JOB ID BY EXTERNAL ID
706
OBTAIN JOB INFORMATION
707
SEND JOB ID TO CLIENT
708
RETRIEVE JOB BY JOB ID
709
OBTAIN JOB INFORMATION
710
SEND JOB INFORMATION TO CLIENT
711

FIG. 8

DISPLAY EXAMPLE OF JOB STATUS

JOB ID	JOB NAME	STATUS	EXTERNAL ID
00000001	Job program A	Waiting	HostA00000001
00000002	Job program B	Executing	HostB00000001
00000003	Job program A	Holding	HostA00000002
00000004	Job program A	Waiting	HostA00000003
00000005	Job program B	Waiting	HostB00000002
00000006	Job program C	Executing	HostC00000001
801	802	803	804

FIG. 9

APPLICATION EXAMPLE OF ELECTRONIC COMMERCE SYSTEM